



Figure 1

FIG. 1 is a schematic diagram of a hydroponic system. The system includes a main reservoir (10) with a pump (24) and a timer (20). A nutrient solution is pumped through a series of pipes (22, 26, 28, 30, 38) to a grow bed (14) containing plants (18). The grow bed has a drainage system (31, 35, 36) that returns the solution to the reservoir. A valve (40) is located on the return line. The reservoir also contains a heater (16) and a light fixture (21).